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## Overview

The WS-C2960S-48FPS-L is different from the WS-C2960S-48LPS-L in the PoE capabilities, because Cisco WS-C2960S-48FPS with Full PoE function can offer 740W PoE Power total with 24 ports up to 30W per switch ports or 48 ports up to 15.4W per switch port. But Cisco Catalyst Switch 2960S-48FPS-L and 2960S-48LPS-L share a similar datasheet with 4 One Gigabit Ethernet SFP uplink ports and optional Cisco FlexStack stacking supporting 20 Gbps of throughput. Both are Catalyst 2960-S models with LAN Base Software.

## Quick Specs

Figure 1 shows the appearance of the WS-C2960S-48FPS-L.

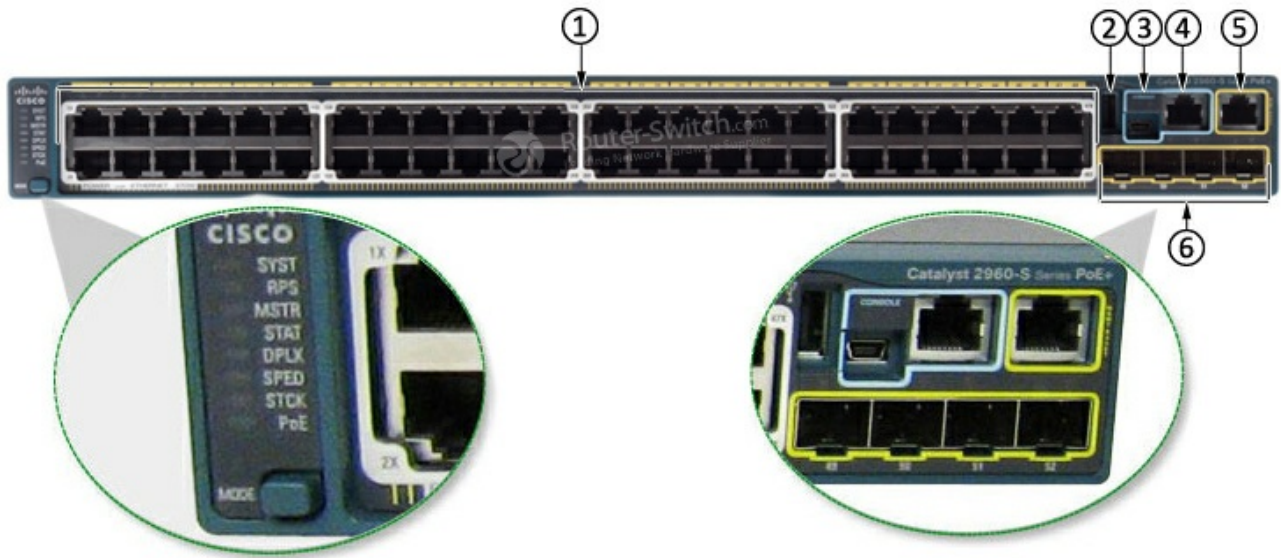


Table 1 shows the Quick Spec of the WS-C2960S-48FPS-L.

|                            |  |
|----------------------------|--|
| Product Code               | WS-C2960S-48FPS-L                        |
| Enclosure Type             | Rack-mountable - 1U                      |
| Feature Set                | LAN Base                                 |
| PoE capacity               | 740W                                     |
| Uplink Interfaces          | Four 1G Small Form-Factor Pluggable(SFP) |
| Downlink Ports             | 48 × Ethernet 10/100/1000 PoE+ ports     |
| Expansion Slot(s)          | 1 (total) / 1 (free) × Stacking Module   |
| Switching capacity         | 176 Gbps                                 |
| Forwarding/Filtering Rate: | 77.4 Mpps                                |
| DRAM                       | 128 MB                                   |
| Flash Memory               | 64 MB                                    |
| Dimensions                 | 44.5 × 38.6 × 4.5 cm                     |
| Package Weight             | 10.65 Kg                                 |

## Product Details

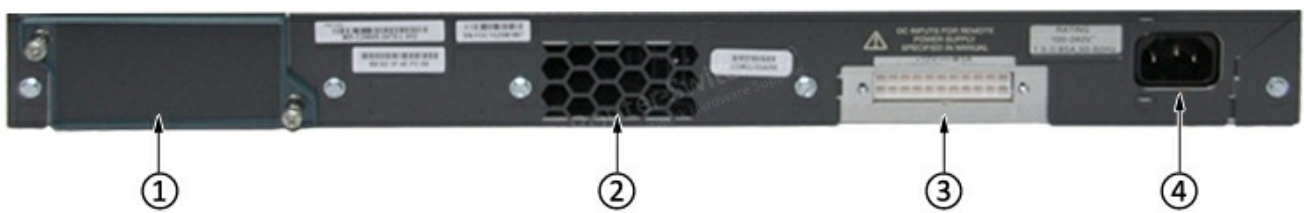
Figure 2 shows the front panel of the WS-C2960S-48FPS-L.



Note:

|     |                                      |     |                          |
|-----|--------------------------------------|-----|--------------------------|
| (1) | 48 x Ethernet 10/100/1000 PoE+ ports | (4) | RJ45 Console Port        |
| (2) | USB Type A Port                      | (5) | Ethernet Management Port |
| (3) | USB mini-Type B (console) Port       | (6) | SFP Module Slots         |

Figure 3 shows the back panel of the WS-C2960S-48FPS-L.



Note:

|     |  |     |                    |
|-----|--|-----|--------------------|
| (1) | 1 (total) / 1 (free) x Stacking Module | (3) | RPS Connector      |
| (2) | Fan Exhaust                            | (4) | AC power connector |

## The Accessories

Table 2 shows some accessories of the WS-C2960S-48FPS-L.

| Models                       | Description   |
|------------------------------|---|
| <a href="#">C2960S-STACK</a> | Catalyst 2960S FlexStack Stack Module optional for LAN Base |
| <a href="#">GLC-LH-SM</a>    | GE SFP, LC connector LX/LH transceiver                      |

|                                  |   |
|----------------------------------|---|
| <a href="#">GLC-SX-MMD</a>       | 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM |
| <a href="#">CAB-CONSOLE-RJ45</a> | Console Cable 6ft with RJ45 and DB9F                |

## Compare to Similar Items

Table 3 shows the comparison of similar items.

|              |                                      |                                      |
|--------------|--------------------------------------|--------------------------------------|
| Models       | WS-C2960S-48FPS-L                    | <a href="#">WS-C2960S-48LPS-L</a>    |
| Ports        | 48 x Ethernet 10/100/1000 PoE+ ports | 48 x Ethernet 10/100/1000 PoE+ ports |
| PoE Capacity | 740W                                 | 370W                                 |
| Uplinks      | 4 x 1G SFP                           | 4 x 1G SFP                           |
| Feature Set  | LAN Base                             | LAN Base                             |
| Stackable    | Yes                                  | Yes                                  |

## Get more information

Do you have any question about the WS-C2960S-48FPS-L?

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## Specification

| WS-C2960S-48FPS-L Specifications   |   |
|--|---|
| <b>General Information</b>   |   |
| Manufacturer   | Cisco   |
| Product ID:  | WS-C2960S-48FPS-L                                 |
| Product Description:   | Cisco CAT2960S Stack 48 Gige-POE 740W 4 x SFP LAN |
| Product Type:  | Ethernet Switch                                   |
| <b>Marketing Information</b>   |   |
| The Cisco Catalyst WS-C2960S-48FPS-L Ethernet Switch is the leading Layer 2 edge, providing improved ease of use, highly secure business operations, improved sustainability, and a borderless network experience. It include new Cisco FlexStack switch stacking capability with 1 and 10 Gigabit connectivity, and Power over Ethernet Plus (PoE+) with the Cisco Catalyst 2960 Switch offering fast Ethernet access connectivity and PoE capabilities. It is fixed-configuration access switch designed for enterprise, midmarket, and branch office networks to provide lower total cost of ownership. |   |
| <b>Interfaces/Ports</b>  |   |
| Number of Ports:   | 48  |
| Gigabit Ethernet Port:   | Yes   |
| Interfaces/Ports:  | 48 x RJ-45 10/100/1000Base-T PoE LAN              |
| <b>Media &amp; Performance</b>   |   |
| Forwarding/Filtering Rate:   | 77.4 Mpps   |
| Switching Throughput:  | 176 Gbps  |
| <b>I/O Expansions</b>  |   |
| Number of Expansion Slots:   | 5   |

|                                    |   |
|------------------------------------|---|
| Expansion Slots:                   | (4 Total) SFP (mini-GBIC) Uplink  |
|                                    | (1 Total) Stacking Module   |
| <b>Network &amp; Communication</b> |   |
| Layer Support:                     | 2   |
| <b>Management &amp; Protocols</b>  |   |
| Manageable:                        | Yes   |
| Management:                        | DHCP<br>QoS<br>VLAN<br>SNMP v1, v2, v3<br>Syslog<br>CLI<br>RMON<br>CiscoWorks LAN Management Solution |
| <b>Memory</b>                      |   |
| Standard Memory:                   | 128MB   |
| Memory Technology:                 | DRAM  |
| Flash Memory:                      | 64MB  |
| <b>Software</b>                    |   |
| Operating System:                  | Cisco IOS   |
| <b>Power Description</b>           |   |
| Power Over Ethernet:               | Yes   |
| Power Source:                      | Power Supply  |
| Redundant Power Supply:            | Yes   |
| <b>Physical Characteristics</b>    |   |
| Compatible Rack Unit:              | 1U  |
| Form Factor:                       | Rack-mountable  |
|                                    | Stackable   |
| Dimensions:                        | 1.75" Height x 17.50" Width x 15.20" Depth  |
| Weight (Approximate):              | 13 lb   |

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